

| <b>Notice of Allowability</b> | <b>Application No.</b>    | <b>Applicant(s)</b> |  |
|-------------------------------|---------------------------|---------------------|--|
|                               | 10/087,399                | JACKSON, J. TIMOTHY |  |
|                               | Examiner<br>Andrew C. Lee | Art Unit<br>2616    |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to 12/13/2006.
2.  The allowed claim(s) is/are 1-5,7-13,15-17,19-25 renumbered 1-22, respectively.
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

|  |  |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____.   | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance              |
|  | 9. <input type="checkbox"/> Other _____.   |

**DETAILED ACTION**

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Stephen F. Jewett on 12/28/2006

The application has been amended as follows:

- Regarding claim 19, line 1, page 7 of 11, the term "claim 18" is deleted and is replaced with "claim 13".
- Regarding claim 20, line 1, page 7 of 11, the term "claim 18" is deleted and is replaced with "claim 13".

***Allowable Subject Matter***

2. Claims 1 – 5, 7 – 13, 15 – 17, 20 – 25 are allowed.

The following is an examiner's statement of reasons for allowance:

The prior art of record, in single or in combination, does not disclose explicitly the limitation of "wherein the receiving unit extracts communications data from the grouping in the first data stream and extracts control data from the segment in the first data stream; and a device coupled to the receiving unit, wherein the device is configured to exchange communications data with the receiving unit over a second channel in a

Art Unit: 2616

second data stream conforming to the asynchronous protocol" as disclosed in claim 1; "receiving a second data stream from the first channel, the second data stream containing control data and communication data, the communications data being in a first grouping that complies with the asynchronous protocol and the control data being in a second segment that is specified as being unused for data according to the synchronous protocol; extracting control data from the second segment; extracting the communications data from the first grouping; and transmitting in a second channel the extracted communications data in a second grouping that complies with the asynchronous protocol" as disclosed in claim 13; "means for receiving a second data stream from the first channel, the second data stream containing control data and communication data, the communications data being in a first grouping that complies with the asynchronous protocol and the control data being in a second segment that is specified as being unused for data according to the synchronous protocol; means for extracting control data from the second segment; means for extracting the communications data from the first grouping; and means for transmitting in a second channel the extracted communications data in a second grouping that complies with the asynchronous protocol" as disclosed in claim 21.

Additionally, all of the further limitations in claims 2 – 5, 7 – 13, 15 – 17, 19 – 25 are allowable since the claims are dependent upon the independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

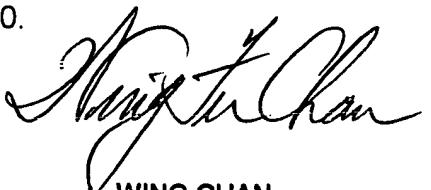
accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew C. Lee whose telephone number is (571) 272-3131. The examiner can normally be reached on Monday through Friday from 8:30am - 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wing Chan can be reached on (571) 272-7493. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



WING CHAN  
SUPERVISORY PATENT EXAMINER